

## CLAIMS:

1. A polyethylene terephthalate-based resin container having an oxygen-capturing property and an oxygen barrier property, which have been improved  
5 by treating said container with radiation after the molding operation.
2. The polyethylene terephthalate-based resin container according to  
Claim 1, wherein said container comprises a single layer of the polyethylene  
terephthalate resin.
- 10 3. The polyethylene terephthalate-based resin container according to  
Claim 1, wherein said container has at least an inner layer and an outer layer,  
with both layers comprising the polyethylene terephthalate-based resin.
- 15 4. The polyethylene terephthalate-based resin container according to  
Claim 1, 2, or 3, wherein the polyethylene terephthalate resin to be used is  
blended with an oxygen barrier resin at a rate in the range of 1.0 to 30 wt.%.
- 20 5. The polyethylene terephthalate-based resin container according to  
Claim 4, wherein the oxygen barrier resin is a polyxylylene diamine adipamide  
resin (Nylon-MXD6).
- 25 6. The polyethylene terephthalate resin-based container according to  
Claim 1, 2, 3, 4, or 5, wherein said container is treated with radiation at a dose  
of 20 kGy or more.
- 30 7. The polyethylene terephthalate resin-based container according to  
Claim 1, 3, 4, or 5, wherein said container has at least an intermediate layer  
comprising an oxygen barrier resin.
8. The polyethylene terephthalate resin-based container according to  
Claim 7, wherein the oxygen barrier resin is a polyxylylene diamine adipamide  
resin (Nylon-MXD6).
- 35 9. The polyethylene terephthalate resin-based container according to  
Claim 7 or 8, wherein radiation is applied to said container at a dose of 6 kGy  
or more

10. The polyethylene terephthalate-based resin container according to Claim 1, 2, 3, 4, 5, 6, 7, 8, or 9, wherein an electron beam is used as the source of radiation.